

RCRA TREATMENT, STORAGE AND DISPOSAL FACILITY INSPECTION FORM
FOR TSD FACILITIES ONLY

COMPANY NAME: Deutsch Relays EPA I.D. Number: NYD057722019

COMPANY ADDRESS: 65 Daly Rd. East Northport NY 11931

COMPANY CONTACT OR OFFICIAL: _____ OTHER ENVIRONMENTAL PERMITS HELD _____

TITLE: Nick Salvato
Asst to Pres.
Dorothy Yuan

BY FACILITY: ☒ NPDES

☒ AIR

☐ OTHER

INSPECTOR'S NAME: _____

DATE OF INSPECTION: 7/15/81

Jere Austin

BRANCH/ORGANIZATION: _____

TIME OF DAY INSPECTION TOOK PLACE: _____

NYSDEC Stony Brook NY

10-12 AM

(1) Is there reason to believe that the facility has hazardous waste on site?

a. If yes, what leads you to believe it is hazardous waste?
Check appropriate box:

☐ Company admits that its waste is hazardous during the inspection.

☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.

☐ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

YES NO DON'T
KNOW

b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials? YES NO DON'T KNOW

Please explain:

c. Identify the hazardous wastes that are on-site, and estimate approximate quantities of each.

Plating solutions, acid & alkaline, 500 gal.
Freon - 2 drums, waste oils - 1 drum

(2) Does the facility generate hazardous waste? YES NO DON'T KNOW

(3) Does the facility transport hazardous waste? YES NO DON'T KNOW

(4) Does the facility treat, store or dispose of hazardous waste? YES NO DON'T KNOW

VISUAL OBSERVATIONS

	<u>YES</u>	<u>NO</u>	<u>DON'T KNOW</u>
(5) <u>SITE SECURITY</u> (§265.14)			
a. Is there a 24-hour surveillance system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is there a suitable barrier which completely surrounds the active portion of the facility?	<i>yes</i>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are there "Danger-Unauthorized Personnel Keep Out" signs posted at each entrance to the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(6) Are there ignitable, reactive or incompatible wastes on site? (§265.27)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. If "YES", what are the approximate quantities?			
b. If "YES", have precautions been taken to prevent accidental ignition or reaction of ignitable or reactive waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. If "YES", explain			
d. In your opinion, are proper precautions taken so that these wastes do not:			
- generate extreme heat or pressure, fire or explosion, or violent reaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- damage the structural integrity of the device or facility containing the waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- threaten human health or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain your answers, and comment if necessary.

e. Are there any additional precautions which you would recommend to improve hazardous waste handling procedures at the facility?

(7) Does the facility comply with preparedness and prevention requirements including maintaining: (§265.32)

- | | <u>YES</u> | <u>NO</u> | <u>DON'T
KNOW</u> |
|---|-------------------------------------|--------------------------|--------------------------|
| - an internal communications or alarm system? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - a telephone or other device to summon emergency assistance from local authorities? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - portable fire equipment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - adequate aisle space? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - in your opinion, do the types of wastes on site require all of the above procedures, or are some not needed? Explain. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

In your opinion, do the types of wastes on site require all of the above procedures, or are some not needed? Explain.

- *(8) Have you inspected to verify that the groundwater monitoring wells (if any) mentioned in the facility's groundwater monitoring plan (see no. 19 below) are properly installed? NA

If you have, please comment, as appropriate.

- (9) a. Is there any reason to believe that groundwater contamination already exists from this facility? If "YES", explain. ✓
- b. Do you believe that operation of this facility may affect groundwater quality? ✓
- c. If "YES", explain.

RECORDS INSPECTION

- (10) Has the facility received hazardous waste from an off-site source since Nov. 19, 1980 (effective date of the regulations)? NA
- a. If "YES", does it appear that the facility has a copy of a manifest for each hazardous waste load received? NA
- b. How many post-November 19 manifests does it have? (If the number is large, you may estimate)
- c. Does each manifest (or a representative sample) have the following information?
- a manifest document number

YES NO DON'T
KNOW

- the generator's name, mailing address, telephone number, and EPA identification number
- the name, and EPA identification number of each transporter
- the name, address and EPA identification number of the designated facility and an alternate facility, if any;
- a DOT description of the wastes
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle
- a certification that the materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation under regulations of the Department of Transportation and the EPA.

d. Are there any indications that unmanifested hazardous wastes have been received since November 19, 1980? If YES, explain.

(11) Does the facility have a written waste analysis plan specifying test methods, sampling methods and sampling frequency? (§265.13)

- a. Does the character of wastes handled at the facility change from day to day, week to week, etc., thus requiring frequent testing?
(You may check more than one)
Waste characteristics vary _____
All wastes are basically the same _____
Company treats all waste as hazardous _____
Don't Know _____

b. Does hazardous waste come to this facility from off-site sources?

c. If waste comes from an off-site source, are there procedures in the plan to insure that wastes received conform to the accompanying manifest?

(12) INSPECTIONS (§265.15)

a. Does the facility have a written inspection schedule?

b. Does the schedule identify the types of problems to be looked for and the frequency for inspections?

c. Does the owner/operator record inspections in a log?

d. Is there evidence that problems reported in the inspection log have not been remedied? If "YES," please explain.

(13) PERSONNEL TRAINING (\$265.16)

a. Is there written documentation of the following:

- job title for each position at the facility related to hazardous waste management and the name of the employee filling each job? ☒ ☐ ☐
- type and amount of training to be given to personnel in jobs related to hazardous waste management? ☒ ☐ ☐
- actual training or experience received by personnel? ☒ ☐ ☐

(14) Does the facility have a written contingency plan for emergency procedures designed to deal with fires, explosion or any unplanned release of hazardous waste? ☒ ☐ ☐
(\$265.51)

- a. Does the plan describe arrangements made with local authorities? ☒ ☐ ☐
- b. Has the contingency plan been submitted to local authorities? ☒ ☐ ☐

How do you know?

- c. Does the plan list names, addresses, and phone numbers of Emergency Coordinators? ☒ ☐ ☐
- d. Does the plan have a list of what emergency equipment is available? ☒ ☐ ☐
- e. Is there a provision for evacuating facility personnel? ☒ ☐ ☐
- f. Was an Emergency Coordinator present or on call at the time of the inspection? ☒ ☐ ☐

(15) Does the owner/operator keep a written operating record with: (\$265.73)

- a description of wastes received with methods and dates of treatment, storage or disposal? ☒ ☐ ☐
- location and quantity of each waste? ☒ ☐ ☐
- detailed records and results of waste analysis and treatability tests performed on wastes coming into the facility? ☒ ☐ ☐
- detailed operating summary reports and description of all emergency incidents that required the implementation of the facility contingency plan? ☒ ☐ ☐

*(16) Does the facility have written closure and post-closure plans? (\$265.110) ☒ ☐ ☐

a. Does the written closure plan include:

- a description of how and when the facility will be partially (if applicable) and ultimately closed? ☒ ☐ ☐

* Effective date for this requirement is May 19, 1981.

YES

NO

DON'T
KNOW

- an estimate of the maximum inventory of wastes in storage or treatment at any time during the life of the facility?

___ ___ ___

- a description of the steps necessary to decontaminate facility equipment during closure?

___ ___ ___

- a schedule for final closure including the anticipated date when wastes will no longer be received and when final closure will be completed?

___ ___ ___

b. What is the anticipated date for final closure?

___ ___ ___

tc. Does the owner/operator have a written post-closure plan identifying the activities which will be carried on after closure and the frequency of these activities?

___ ☒ ___

d. Does the written post-closure plan include:

- a description of planned groundwater monitoring activities and their frequencies during post-closure?

___ ___ ___

- a description of planned maintenance activities and frequencies to ensure integrity of final cover during post-closure?

___ ___ ___

- the name, address and phone number of a person or office to contact during post-closure?

___ ___ ___

*(17) Does the owner/operator have a written estimate of the cost of closing the facility? (§265.142) What is it?

___ ☒ ___

*(18) Does the owner/operator have a written estimate of the cost for post-closure monitoring and maintenance? What is it? (§265.144)

___ ☒ ___

*(19) Has a groundwater monitoring plan been submitted to the Regional Administrator for facilities containing a surface impoundment, landfill or land treatment process? (This requirement does not apply to recycling facilities.) (§265.90)

NA

a. Does the plan indicate that at least one monitoring well has been installed hydraulically upgradient from the limit of the waste management area?

___ ___ ___

b. Does the plan indicate that there are at least three monitoring wells installed hydraulically downgradient at the limit of the waste management area?

___ ___ ___

† This section applies only to disposal facilities.

* Effective date for this requirement is May 19, 1981.

SITE-SPECIFIC

Please circle all appropriate activities and answer questions on indicated pages for all activities circled. When you submit your report, include only those site-specific pages that you have used.

STORAGE

TREATMENT

DISPOSAL

Waste Pile p. 9

Tank p. 8

Landfill pp. 10-11

Surface Impoundment p. 8

Surface Impoundment pp. 8-9

Land Treatment
pp. 9, 10

Container p. 7

Incineration pp. 12-13

Surface Impound-
ment p. 8

Tank, above ground p. 8

Thermal Treatment pp. 12-13

Other _____

Tank, below ground p. 8

Land Treatment pp. 9-10

Other _____

Chemical, Physical p. 13
and Biological
Treatment (other than
in tanks, surface impound-
ment or land treatment
facilities)

YES

NO

DON'T
KNOW

Other _____

CONTAINERS (\$265.170)

1. Are there any leaking containers?
If "YES", explain.

___ ✓ ___

2. Are there any containers which appear in danger
of leaking?
If "YES", explain.

___ ✓ ___

3. Do wastes appear compatible with container
materials?

✓ ___ ___

4. Are all containers closed except those in use?

✓ ___ ___

5. Do containers appear to be opened, handled
or stored in a manner which may rupture the
containers or cause them to leak?

___ ✓ ___

6. How often does the plant manager claim to inspect
container storage areas?

DAILY

7. Does it appear that incompatible wastes are being
stored in close proximity to one another?
If "YES", explain.

___ ✓ ___

8. Are containers holding ignitable or reactive
wastes located at least 15 meters (50 feet) from
the facility's property line?

✓ ___ ___

9. What is the approximate number and size of
containers with hazardous wastes?

12

- | | <u>TANKS</u> (\$265.190) | <u>YES</u> | <u>NO</u> | <u>DON'T</u>
<u>KNOW</u> |
|---|--------------------------|------------|-----------|-----------------------------|
| 1. Are there any leaking tanks?
If "YES", explain. | | — | — | — |
| 2. Are there any tanks which appear in danger of
leaking.
If "YES", explain. | | — | — | — |
| 3. Are wastes or treatment reagents being
placed in tanks which could cause them to
rupture, leak, corrode or otherwise fail?
If "YES", explain. | | — | — | — |
| 4. Do uncovered tanks have at least 2 feet
of freeboard or an adequate containment
structure? | | — | — | — |
| 5. Where hazardous waste is continuously
fed into a tank, is the tank equipped with
a means to stop this inflow? | | — | — | — |
| 6. Does it appear that incompatible wastes
are being stored in close proximity to one
another, or in the same tank?
If "YES", explain. | | — | — | — |
| 7. How often does the plant manager claim to
inspect container storage areas? | | | | |
| 8. Are ignitable or reactive wastes stored in
a manner which protects them from a source
of ignition or reaction?
If "YES", explain. | | — | — | — |
| 9. What is the approximate number and size of
tanks containing hazardous wastes? | | | | |

SURFACE IMPOUNDMENTS (\$265.220)

- | | | | |
|--|---|---|---|
| 1. Is there at least 2 feet of freeboard
in the impoundment? | — | — | — |
| 2. Do all earthen dikes have a protective
cover to preserve their structural integrity?
If "YES", specify type of covering. | — | — | — |
| 3. Is there reason to believe that incompatible
wastes are being placed in the same surface
impoundment?
If "YES", explain. | — | — | — |

YES

NO

DON'T
KNOW

4. Are ignitable or reactive wastes being placed in surface impoundments without being treated to remove these characteristics?
If "YES", explain.

5. Are there any leaks, failures or is there any deterioration in the impoundments?
If "YES", explain.

6. Give the approximate size of surface impoundments (gallons or cubic feet).

WASTE PILES (\$265.250)

1. Is the waste pile protected from wind erosion?
a. Does it appear to need such protection?
b. Explain what type of protection exists.
2. Does it appear that incompatible wastes are being stored in the same waste pile?
If "YES", explain.
3. Is leachate run-off from a pile a hazardous waste?
If "YES", explain this determination and answer (a) and (b) below.
a. Is the pile placed on an impermeable base that is compatible with the waste?
b. Is the pile protected from precipitation and run-on?
4. In your judgment, are ignitable or reactive wastes managed in such a way that they are protected from any material or conditions which may cause them to ignite?
Please explain or indicate if no such wastes are present.

Are they placed on an existing pile so that they no longer meet the definition of ignitable or reactive waste?
Please explain.

5. How many waste piles are on site, and approximately how large are they?

LAND TREATMENT (\$265.270)

1. Can the facility operator demonstrate that the hazardous waste has been made less or non-hazardous by biological degradation or chemical reactions occurring in or on the soil?
Please explain.

YES NO DON'T
KNOW

- *2. Is run-on diverted away from the active portions of the land treatment facility?
- *3. Is run-off collected?
4. Are food chain crops being grown on the facility property?
- a. If "YES", can the facility operator document that arsenic, lead and mercury:
- will not be transferred to the crop or ingested by food chain animals or
 - will not occur in greater concentrations in the crops grown on the land treatment facility than in the same crops grown on untreated soils.
- b. Has notification of the growing of the food chain crops been made to the Regional Administrator?
5. Is there a written and implemented plan for unsaturated zone monitoring?
6. Are there records of the application dates, application rates, quantities and location of each hazardous waste placed in the facility?
7. Do the closure and post-closure plans address:
- a. control of migration of hazardous wastes into the groundwater?
 - b. control of run-off, release of airborne particulate contaminants?
 - c. compliance with requirements for the growth of food-chain crops (if they are present)?
8. Is ignitable or reactive waste immediately incorporated into the soil so the resulting waste no longer meets that definition?
If "YES", explain.
9. Are incompatible wastes placed in the same land treatment area?
If "YES", explain.
10. What is the area of the land receiving hazardous waste treatment?

LANDFILLS (\$265.300)

- †1. Is run-on diverted away from the active portions of the landfill?
- †2. Is run-off from active portions of the landfill collected?

* Effective date for these requirements is May 19, 1981.

† These requirements are effective November 19, 1981.

	<u>YES</u>	<u>NO</u>	<u>DON'T KNOW</u>
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3. Is waste which is subject to wind dispersal controlled?
Explain.

4. Does the owner/operator maintain a map with:

- the exact location and dimensions of each cell.
- the contents of each cell and approximate location of each hazardous waste type

5. Do the closure and post-closure plans address:

- control of pollutant migration via ground water?
- control of surface water infiltration?
- prevention of erosion?

6. Is ignitable or reactive waste treated before being placed in the landfill?
Explain how you know.

7. Are precautions taken to insure that incompatible wastes are not placed in the same landfill cell?
If "NO", explain.

8. Are bulk or non-containerized wastes containing free liquids placed in the landfill?
If "YES",

a. Does the landfill have a liner which is chemically and physically resistant to the added liquid?

b. Is the waste treated and stabilized so that free liquids are no longer present?

*9. Are containers holding liquid waste or waste containing free liquids placed in the landfill?

10. Are empty containers (e.g. those containing less than 1/2 inch of liquid) placed in the landfills?

If so, are they crushed flat, shredded or similarly reduced in volume before they are buried?

11. What is the approximate area of the hazardous waste landfill?

* Effective date for this requirement is November 19, 1981.

YES NO DON'T KNOW

- NOTE: Waste analysis need not be performed on each waste load if if there are documented data available to show waste characteristics that do not vary. If there are such documented data available, check here ☐.

- Every hour for:

5. Is there open burning of hazardous waste?

- a. If "YES", what is being burned?
(only burning or detonation
of explosives is permitted)
- b. If open burning or detonation of explosives is taking
place, approximately what is the distance from the open
burning or detonation to the property of others?

DON'T
YES NO KNOW

6. Does the incinerator appear to be operating
properly? (Do emergency shutdown controls
and system alarms seem to be in good working
order?) Please explain.

____ _

- a. Is there any evidence of fugitive emissions?

____ _

7. Is the residue from the incinerator treated
by the owner as a hazardous waste?
Please explain.

____ _

8. What types of air pollution control devices (if any)
are installed on the incinerator?

CHEMICAL, PHYSICAL AND BIOLOGICAL TREATMENT (\$265.400)

1. Does the treatment process system show any
signs of ruptures, leaks, or corrosion?
Please explain.

____ _

2. Is there a means to stop the inflow of
continuously-fed hazardous wastes?

____ _

3. Is there ignitable or reactive waste fed
into the treatment system?

____ _

If "YES", has it been treated or protected
from any material or conditions which may
cause it to ignite or react? If so,
explain how.

____ _

Are the incompatible wastes placed in
the same treatment process?
If "YES", explain.

____ _

5. Describe the treatment system at this facility.

If "yes", what is being done?
(only naming or designation
of activities is permitted)

If "yes" naming or designation of activities is required
in the description, what is the basis for the
naming or designation to the activity?

Is there any evidence of activities in the
activity? (no evidence, evidence, evidence)
and what is the basis for the evidence?
(only naming or designation)

Is there any evidence of activities in the

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